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| App | lication | /Contro | No. |
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10/520,166 Examiner

Date

Patricia L. Morris

Applicant(s)/Patent under Reexamination

PANDEY ET AL.

Art Unit

1625

Rejected

- (Through numeral) Cancelled

Claim

Restricted

Non-Elected

Interference

A Appeal
O Objected

|             |                            | Ш        |              |                |                |          |  | L  |               |               |          |
|-------------|----------------------------|----------|--------------|----------------|----------------|----------|--|--|---------------|---------------|----------|
|             |                            |          |              |                |                |          |  |  |               |               |          |
| Cla         | Date                       |          |              |                |                |          |  |  |               |               |          |
| Final ·     | Original                   | 7/07     | /            |                |                |          |  |  |               |               |          |
|             | 1                          | 7        |              |                |                | $\neg$   | ┪  | $\neg$   |               |               |          |
|             | 2                          |          |              | $\neg$         |                | $\neg$   |  |  | $\neg$        | $\neg$        |          |
|             | 3                          |          |              | $\dashv$       | ┪              | ┪        | $\neg$   | 寸  | _             |               | ĺ        |
|             | 4                          | Н        |              |                | $\neg$         |          | $\neg$   | 寸  | $\neg$        |               |          |
| <u> </u>    | 5                          | 1        |              |                |                |          | $\dashv$   | ヿ  | _             |               | ĺ        |
| _           | 2<br>3<br>4<br>5<br>6      |          |              |                |                |          | 一  | 一  | $\neg$        |               | -        |
|             | 7                          | ⇈        |              |                |                |          |  | _  | ヿ             |               | İ        |
|             | 8                          | T        |              |                |                |          | $\neg$   |  | $\neg$        |               |          |
|             | 9                          |          |              |                |                |          |  |  |               |               |          |
|             | 10                         | П        |              |                |                |          |  |  |               |               |          |
|             | 11                         |          |              |                |                |          |  | [  |               |               |          |
|             | 12                         | $\prod$  | Ŀ            |                |                |          |  |  | ]             |               |          |
|             | 11<br>12<br>13<br>14<br>15 | $\prod$  |              | Ш              |                |          |  |  | ]             |               |          |
|             | 14                         |          |              | ·              |                |          |  |  |               |               |          |
|             | 15                         | Ц        |              |                |                | _        |  | _  |               |               |          |
|             | 16<br>17                   | Ц        | ļ            |                |                |          |  | ·  |               |               | l        |
|             | 17                         | $\sqcup$ |              |                |                |          |  |  | _             |               | l        |
|             | 18<br>19                   | Ш        |              | <u> </u>       |                |          |  |  |               | _             | l        |
| <u></u>     | 19                         | Н        | Ь.           | _              |                | _        |  |  | -             |               | ł        |
|             | 20                         | 11.      | <u> </u>     | _              | _              | L        |  |  | _             |               | ł        |
| -           | 21                         | 7.       | _            |                | <u> </u>       | <u> </u> | _  | -  |               |               | ł        |
| <u></u>     | 22                         | 17.      | _            | _              | _              | -        |  | -  |               | ⊢             | ł        |
| -           | 22<br>23<br>24             | -        | -            | ⊢              | -              | -        | _  |  |               | ┢             | l        |
| <del></del> | 25                         | $\vdash$ | $\vdash$     | <del> </del> - |                | ┝        | -  | Н  | _             | ┈             | 1        |
| -           | 26                         | ╁        | ┢            | $\vdash$       | $\vdash$       | ┢        |  | -  | _             | $\vdash$      | 1        |
| -           | 27                         | +        | H            | ┢              | $\vdash$       | -        | _  | _  |               |               | 1        |
| -           | 28                         | $\vdash$ |              | $\vdash$       | H              | _        |  |  |               |               | 1        |
|             | 28<br>29                   | 1        | <b>-</b>     | ┢              |                |          |  |  | Г             |               | 1        |
|             | 30                         | 1        | Π            |                |                |          |  |  |               |               | 1        |
|             | 31                         |          |              |                |                |          |  |  |               |               | ]        |
|             | 32                         | Ϊ        |              |                |                |          |  |  |               | L             | 1        |
|             | 33                         |          | L            | <u></u>        |                | _        | 匚  | _  | _             | _             | ŀ        |
|             | 34<br>35                   | 1_       | 匚            | <u> </u>       | $\vdash$       | _        | <u> </u>   | <u> </u>   | <u> </u>      | _             | 1        |
|             | 35                         | +-       |              | ₩              | <del> </del>   | -        | <u> </u>   | ├  | -             | _             | 1        |
| <u> </u>    | 36                         | +        | <del> </del> | ├-             | ⊢              | -        | -  | <del> </del>                                     | $\vdash$      | -             | 1        |
| -           | 37<br>38                   | +        | -            | $\vdash$       | $\vdash$       | ├        | $\vdash$   | $\vdash$   | -             | -             | <b>1</b> |
|             | 20                         | +        | $\vdash$     | +              | $\vdash$       | 十        | <del>                                     </del> | $\vdash$   | $\vdash$      | <del> </del>  | 1        |
| _           | 40                         | +        | $\vdash$     | ╁              | _              | $\vdash$ | $\vdash$   | <del>                                     </del> |               | _             | 1        |
|             | 41                         | 1.       |              |                | Т              | 1        | 1  | Π  |               |               | 1        |
|             | 42                         | 1        |              | T              |                |          |  |  |               |               | 1        |
|             | 43                         |          |              | Ľ              |                |          |  |  |               |               |          |
|             | 44                         |          |              |                |                |          |  |  |               | Ĺ             | 1        |
|             | 45                         |          |              |                | 匚              |          | $oxedsymbol{oxedsymbol{oxed}}$                   |  | oxdot         |               | 1        |
|             | 46                         |          | _            | _              | _              | $\vdash$ | _  |  | _             | L             | 1        |
|             | 47                         | +        | $\perp$      | 1_             | <del> </del> _ | ـــــ    | <u> </u>   | <u> </u>   | <u> </u>      |               | 1        |
|             | 48                         | +-       | $\vdash$     | ┼              | -              | ⊢        | <del> </del>                                     | ├  | <del>  </del> | -             | 1        |
| -           | 49                         | +        | +            | $\vdash$       | -              | +        | -  | ⊢  | $\vdash$      | <del> -</del> | +        |
| 1           | 50                         |          | 1            | 1              | I              | Ι.       |  | l  | L             | 1             | ┚        |

| • |          | $\rightarrow$  | $\overline{}$ | _              |              |          | _  | _        |              |  | $\overline{}$ |
|---|----------|----------------|---------------|----------------|--------------|----------|--|----------|--------------|--|---------------|
|   | Final    | Original       |               |                |              |          |  |          |              |  |               |
|   |          |                | _             |                | L            |          | Ш  |          |              |  | _             |
| ļ |          | 51             |               |                | _            |          |  |          |              |  |               |
|   |          | 52             |               |                |              |          |  |          |              |  |               |
|   |          | 53<br>54       |               |                | ٠            |          |  |          |              |  |               |
|   |          | 54             |               |                |              |          |  |          |              |  |               |
|   |          | 55             |               |                |              |          |  |          |              |  |               |
| - |          | 56<br>57       |               |                |              | Г        |  |          |              |  | Τ             |
|   |          | 57             |               |                | ┰            |          |  |          |              |  | Г             |
|   |          | 58             |               | _              |              |          | $\vdash$   |          | _            |  |               |
|   |          | 59             | _             |                | $\vdash$     | _        | H  | _        | _            | $\vdash$   | $\vdash$      |
|   |          | 60             | _             |                | -            | $\vdash$ | <del>                                     </del> |          |              | $\vdash$   |               |
|   | -        | 61             | -             |                | -            |          |  | -        | $\vdash$     | -  | -             |
|   |          | 61<br>62<br>63 |               |                | <del> </del> | -        |  | $\vdash$ | -            |  |               |
|   | <u> </u> | 62             |               | -              | ⊢            | -        | -  | -        | -            | ├  | -             |
|   |          | 03             |               |                | ┢┈           |          | -  | ┝        |              | _  | ├             |
|   |          | 64<br>65       |               | _              | ļ            |          | <u> </u>   | _        | _            | <u> </u>   | ļ             |
|   |          | 65 -           |               |                | _            | _        | ┞  | _        | <u> </u>     | ▙  | ├             |
|   |          | 66             |               |                | ļ.,          | <u> </u> | ļ.,  | <u> </u> |              | <u> </u>   | ļ             |
|   |          | 67<br>68       |               | L.             | _            | <u> </u> | _  | _        |              | _  | ┡             |
| ٠ |          | 68             |               | _              | _            | <u> </u> | <u> </u>   |          | L_           | _  | _             |
|   |          | 69             |               | _              | <u>L</u>     | <u> </u> | _  |          | _            |  | 1_            |
|   |          | 70<br>71       |               |                | <u> </u>     | <u> </u> | <u>L</u>   | _        | <u> </u>     | _  |               |
|   |          | 71             |               | _              |              |          |  | <u> </u> |              | _  | ·             |
|   |          | 72             |               | <u></u>        | L            |          | L  | _        | Ŀ            |  |               |
|   |          | 73             |               | _              | _            | _        | _  |          | Ŀ            | ╙  | L             |
|   |          | 73<br>74       |               |                | L            | _        |  |          |              |  | 丄             |
|   |          | 75             |               |                | L            |          | _  |          | <u> </u>     | L  |               |
|   |          | 76<br>77       |               |                |              |          | L  |          |              |  | <u> </u>      |
|   |          | 77             |               |                |              |          | Ī.,  |          | _            | <u> </u>   |               |
|   |          | 78<br>79       |               |                | Ι            |          |  | <u> </u> |              | L  | <u>L.</u>     |
|   |          | 79             |               | -              |              | П        |  |          | Ì            |  |               |
|   |          | 80             |               | Г              |              |          |  |          | Π            |  |               |
|   |          | 81             |               |                |              | Π        | Т  | П        | Г            | Π  | Π             |
|   |          | 82             |               |                |              | T        |  |          |              | Π  | П             |
|   | _        | 82<br>83       |               | 一              | T            |          |  |          | Г            |  | Т             |
|   |          | 84<br>85       | _             | T              | 1            |          | T  | T        | Т            | Т  | 1             |
| ŀ | _        | 85             | _             |                | 1            | Τ        | 1  |          | ⇈            |  | T             |
|   |          | 86             | $\vdash$      | Т              | T            | 1        | $\top$   | $\vdash$ | T            | 1  | T             |
|   | 一        | 87             | _             | 1              | t            | T        | 1  | $\vdash$ | Т            | 1  | $\top$        |
|   | <b></b>  | 88             | -             | 1-             | t            | +        | 1  | T        | $\vdash$     | 1  | $\vdash$      |
|   |          | 89             | $\vdash$      | <del>  -</del> | +            | +        | +-   | $\vdash$ | $^{\dagger}$ | <del>                                     </del> | ╈             |
|   | <u> </u> | 90             | $\vdash$      | _              | ┿            | ╁╴       | <del> </del>                                     | 1        | t            | 1  | $\top$        |
|   | <b>—</b> | 91             | ┢             | $\vdash$       | ╁            | t        | +  | $\vdash$ | t            | ┼  | T             |
|   |          | 92             | ╁             | $\vdash$       | +            | +        | +  | 1        |              | +-   | +             |
|   | <u> </u> | 93             | $\vdash$      | ╁              | +-           | +        | +-   | $t^{-}$  | T            | T  | +             |
|   |          | 94             | -             | t              | +            | 1-       | +  | $\vdash$ | +-           | 1  | +             |
|   | <u> </u> | 95             | $\vdash$      | ╁              | +            | +        | +-   | +        | +            | +-   | +             |
|   | -        | 96             | $\vdash$      | $\vdash$       | +            | +        | 1-   | +        | 1            | ╁  | +             |
|   | -        | 97             | ╁             | ╁              | +            | +        | +  | +-       | 1            | +  | +             |
|   | <b>-</b> | 98             | $\vdash$      | +              | +            | +-       | +  | +        | +            | +  | +             |
|   | -        | 99             | $\vdash$      | t              | +            | +        | +  | +-       | +            | T  | +             |
|   | _        | 100            | H             | +              | +            | +        | 1-   | +        | +            | 1-   | $\top$        |
|   | 1        | 1 100          | 1             |                |              |          |  | 1        | 1            | 1  |               |

| Cla      | aim   | Date         |          |                |  |          |              |              |  |              |
|----------|---|--------------|----------|----------------|--|----------|--------------|--------------|--|--------------|
|          |   |              |          |                |  |          |              |              | $\neg$   |              |
| Final    | Original  |              |          |                |  |          |              |              |  |              |
|          | 101   |              |          |                |  |          |              |              |  |              |
|          | 102   |              | Т        |                |  |          |              | -            |  |              |
|          | 103   |              |          |                |  |          |              |              |  | $\neg$       |
|          | 101<br>102<br>103<br>104                                    |              |          |                |  |          |              |              |  | $\neg$       |
|          | 105   | Т            |          | Г              |  |          |              |              |  |              |
|          | 105<br>106  |              |          | - 1            |  |          |              |              |  |              |
|          | 107   |              |          | П              |  |          |              |              |  |              |
|          | 108   |              |          |                | Г                                      |          |              |              |  |              |
|          | 108<br>109<br>110   |              |          |                |  |          |              |              |  |              |
|          | 110   |              |          |                |  |          |              |              |  |              |
|          | 111   |              |          |                |  |          |              |              |  | $\Box$       |
|          | 112   |              |          | _              |  |          |              | '            |  |              |
|          | 113<br>114  |              | _        | <u> </u>       |  | <u> </u> |              | _            | Ш  |              |
|          | 114   | _            | <u> </u> |                | <u> </u>                               | _        | <u> </u>     |              |  | $\sqcup$     |
|          | 115   | L            | _        |                | Ŀ                                      |          | _            | _            |  |              |
|          | 116   | <u> </u>     | ļ        | L              |  | <u> </u> | <u> </u>     |              | _  |              |
|          | 117   |              | _        |                | _                                      |          |              |              | L  |              |
|          | 118   |              |          | L              |  | <u> </u> |              | _            |  |              |
|          | ·119<br>120<br>121  | <u> </u>     |          | <u> </u>       | ┖                                      | <u> </u> | _            | <u> </u>     |  | $\Box$       |
|          | 120   | L            |          |                | L                                      | Ļ        | _            | <u> </u>     | <u> </u>   |              |
|          | 121   | <u> </u>     | <u> </u> | <u> </u>       | <u> </u>                               | <u> </u> | <u> </u>     |              | _  |              |
|          | 122   | _            | _        | ļ              | <u> </u>                               | ┡        | ⊢            | <u> </u>     | _  |              |
| <u> </u> | 123   | <del> </del> | <u> </u> | _              | <u> </u>                               | ├_       | <u> </u>     | <u> </u>     | <u> </u>   | ш            |
| ļ        | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | <del> </del> | ├-       | <u> </u>       | ├_                                     | ├        | ├-           |              | $\vdash$   | Н            |
|          | 125   | 1-           | ├-       | _              | ├                                      | ├        | <b>├</b> —   | <u> </u>     | <b>!</b>   | Н            |
|          | 126   | ┈            | ┝        | ├-             | <u> </u>                               | ├-       | -            | <del> </del> | <del> </del> —                                   | Н            |
|          | 127   | ₩            | ╄        | ├-             | ├                                      | ├        | -            |              | ⊢  |              |
| <u> </u> | 128   | ╁            | ╁        | <del> </del> — | ├                                      | ├        | $\vdash$     | }—           | -  | Н            |
|          | 129   | ╀            | ⊢        | ╀              | -                                      | ┢        | ⊢            | -            | ⊢  | Н            |
|          | 130   | -            | ┈        | ┢              | ├                                      | ┢        | ┢            | <del> </del> | ├  | Н            |
|          | 132   | ╁┈           | ⊢        | <del> </del>   | -                                      | ╁        | ┢            |              | -  | Н            |
| -        | 132   | +            | ┼        | ┢              | ┢                                      | ╁        | -            | -            | ╁  | Н            |
| $\vdash$ | 133<br>134  | +            | +-       | $\vdash$       | $\vdash$                               | +-       | $\vdash$     | $\vdash$     | <del>                                     </del> | Н            |
| <u> </u> | 135   | $\vdash$     | 1        | 1              | $\vdash$                               | $\vdash$ | +            | -            | $\vdash$   | Н            |
| -        | 136   | ╁            | +-       | +-             | $\vdash$                               | +-       | $t^{-}$      | $\vdash$     | $\vdash$   | Н            |
|          | 137   | ╁            | 1-       | +-             | H                                      | +        | $\vdash$     | $\vdash$     | -  | $\vdash$     |
|          | 137<br>138  | +-           | ╁        | $\vdash$       | t                                      | T        | <del> </del> | $\vdash$     | ✝  | $\vdash$     |
| <b> </b> | 139   | 1            | T        |                | T                                      | 1        | Т            | $\vdash$     | T  |              |
|          | 139<br>140  | $\top$       | 1        | 1              | $\vdash$                               |          | T            |              | 1  | T            |
|          | 141   | 1            |          |                | 1                                      |          | T            | Π            |  |              |
|          | 142   | 1            | 1        |                | $\top$                                 | 1        |              |              |  |              |
|          | 143   |              |          | Т              | 1                                      |          |              |              |  |              |
|          | 144   |              |          |                | Ι                                      |          |              |              |  |              |
|          | 145   |              |          | L              |  |          |              |              |  |              |
|          | 146   |              |          |                |  |          |              |              |  |              |
|          | 147   |              |          |                |  |          |              |              |  |              |
|          | 148   |              | 匚        |                |  | L        | 1            |              | $\perp$  | $oxed{\Box}$ |
|          | 149   | <u> </u>     |          | _              | ــــــــــــــــــــــــــــــــــــــ | _        | <u> </u>     | <u> </u>     | 1_   | <u> </u>     |
|          | 150   |              |          |                |  | 1        | $\perp$      | <u></u>      | <u>L_</u>  | <u></u>      |